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OUR NEW VOLUME.

Very nearly a year has now gone by since the CANADIAN ENTOMOLOGIST was ushered into existence, and it has at length safely arrived at the close of its first volume. Of infantile dimensions, it has crawled along through the months of babyhood, at times putting forth a little more strength and marks of growth, until now it feels able to stand upon its feet and assert its intention of living and growing, even though it may but toddle along, for a little time longer. Of course with an increase of size, it will display an enlarged appetite, not only for scientific and literary contributions, but also for the baser, but by no means less essential, sustenance of dollars and cents. We have, therefore, to announce that the price of this publication will now be raised to ONE DOLLAR per annum, in advance; Members of the Entomological Society of Canada, will still receive their copies gratis; the number of pages will also be increased from eight to at least twelve, and if sufficiently encouraged to sixteen.

We take this opportunity of tendering our best thanks to our many friends and correspondents for the kind encouragement, both in word and deed, that they have afforded to what appeared a presumptuous undertaking, and we earnestly hope that they will continue their valuable assistance during the time to come.

ENTOMOLOGICAL NOTES.

DESCRIPTIONS OF FOUR NEW SPECIES OF CANADIAN HYMENOPTERA.

BY E. T. CRESSON, PHILADELPHIA, PA.

GENUS EUCEROS, GRAV.

EUCEROS CANADENSIS, n. sp.—♀. Shining: head yellow, two spots behind antennæ, confluent with a mark on vertex covering ocelli and occiput, and tips of mandibles, black; antennæ black, palish at base beneath; thorax black, lateral margin of mesothorax in front of tegulæ, two lines on disk, a

spot on each side before scutellum, a broad V shaped mark on scutellum, apex of metathorax, which has two black spots above, anterior margin of prothorax, a spot on each side of pleura, and the tegulæ, yellow; wings hyaline, dusky on apical margin; legs yellow, anterior coxæ in front, posterior coxæ, their femora except base and apex, and their tibiæ except base, black, their tarsi except tips, fuscous; abdomen yellow; a triangular mark on each side of first segment, a transverse mark on each side of second and third segments, dilated laterally, and the remaining segments, except medial spot at tip of fourth segment, and another on extreme tip of abdomen, blackish; venter entirely yellow.—Length, $5\frac{1}{2}$ lines.

Hab.—Grimsby, Ont. Johnson Pettit, Esq., (Coll. Am. Ent. Soc.) One specimen.

EUCEROS COUPERII, n. sp.—♂. Shining; head yellow; extreme tips of mandibles, spot on vertex covering ocelli and occiput, black; antennæ fulvous, basal half fuscous within, scape black beneath, first eight joints of flagellum with a pale medial stripe, the dilated portion with a pale posterior margin; thorax black, two parallel stripes on disk of mesothorax, interrupted anteriorly, the lateral margin, broad in front, scutellum except sides and an acute mark at base, postscutellum, sides and apex of metathorax, pleura except a line beneath wings, and the tegulæ, yellow; wings hyaline, iridescent, apex fuliginous; legs yellow, posterior coxæ except tips and beneath, their femora except base and apex, and their tibiæ except base, black; abdomen ferruginous, basal segment yellowish, with a large triangular blackish mark on each side; remaining segments have each a small, lateral, black spot.—Length, $3\frac{1}{2}$ lines.

Hab.—Ottawa, Ont. (Coll. Wm. Couper, Esq.) One Specimen.

EUCEROS BURRUS, n. sp.—♀. Rufo-ferruginous, opaque; head black; orbits white, interrupted behind; spot on middle of face, clypeus and mandibles, pale fulvous; antennæ fulvous, scape blackish; prothorax, pleura beneath, and sutures of thorax, black; anterior and posterior margins of prothorax, and the tegulæ, white; legs entirely ferruginous, tarsi paler; wings hyaline, iridescent; abdomen shining at base and apex.—Length, 3 lines.

Hab.—Ottawa, Ont. Wm. Couper, Esq., (Coll. Am. Ent. Soc.) One specimen.

Of this interesting genus (in which the antennæ of the ♂ are broadly dilated and much flattened about the middle), there are seven species known to me as occurring in North America. They may be recognized by the following characters:

Thorax black and yellow:

Abdomen above black, banded with yellow; posterior legs black and yellow,

- Abdomen above rufous, basal segment black on each side; posterior legs black and yellow. 2. COUPERII, ♂
- Abdomen above fulvous, varied with yellow; posterior legs fulvous and yellow, 3. THORACICUS, ♂
- Thorax above rufous:
- Abdomen entirely rufous; most of head and pleura beneath black; legs and antennæ fulvo-ferruginous. 4. BURRUS, ♀
- Abdomen rufous, first three segments narrowly yellowish at tip; most of head, antennæ except tips, posterior tibiæ and tarsi at base, and lateral sutures of abdomen, black. 5. FRIGIDUS, ♀
- Thorax above honey-yellow:
- Abdomen above honey-yellow, with large medial, transverse, yellow spots; thorax vittate with yellow; antennæ fuscous, pale at base. 6. MEDIALIS, ♀
- Abdomen entirely pale honey-yellow; most of head and antennæ of ♀. black 7. FLAVESCENS ♀ ♂
- Nos. 1, 2 and 4 are from Canada; 3 from Connecticut; 5 from Maine; 6 from Massachusetts; and 7 from Connecticut and West Virginia.

GENUS MENISCUS SCHIÖDTE.

MENISCUS BETHUNEI, n. sp.—♀. Shining black; orbits, face except central black ridge, clypeus, mandibles except tips, annulus on antennæ, hooked mark on each side of mesothorax anteriorly, two short, nearly confluent lines on the disk, scutellum except central black line, three spots at base of methorax, a transverse line at tip and spot on each side, three spots on pleura, and triangular mark beneath just in front of middle coxæ, base of first, second and third abdominal segments, and the venter, white; antennæ long and slender; wings hyaline, iridescent, apex faintly dusky; legs honey-yellow, coxæ paler beneath, posterior tibiæ black, base pale honey-yellow, extreme base of their tarsi black, remainder yellowish-white; claws pectinated; metathorax opaque; abdomen polished.—Length $4\frac{1}{2}$ lines.

Hab.—Credit, Ont. Rev. C. J. S. Bethune. (Coll. Am. Ent. Soc.)
One specimen.

NOTES ON THE LARVA OF PYRAMEIS HUNTERA, SMITH.

BY W. SAUNDERS, LONDON, ONT.

Several years ago, my esteemed friend, Mr. D. W. Beadle, of St. Catharines, sent me specimens of this larva, which he had taken feeding on some species of *Gnaphalium*. No description was then taken, and the larva was not met with again until the present season, when I found it on the G. W. R. R. track, a mile east of London, feeding on *Gnaphalium polycephalum*. It had drawn the leaves together, and fastened them into a rude case with silken threads. The larva during its growth had consumed portions